## AMENDMENTS TO THE DRAWINGS

Figure 1 has been amended to correct a minor spelling error. A marked-up copy and

replacement sheet is attached.


Attachment:    Replacement sheet

                    Annotated sheet showing changes

## REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-14 are pending in the present application. Claim 15 has been canceled and claims 1-14 have been amended by the present amendment.

In the outstanding Office Action, claims 4 and 8 were objected to; claims 1, 3, 6 and 9 were rejected under 35 U.S.C. § 102(e) as anticipated by Dye et al.; claim 2 was rejected under 35 U.S.C. § 103(a) as unpatentable under Dye et al.; and it appears claims 4, 5, 7, 8, 10 and 14 were indicated as allowable if rewritten in independent form (i.e., the claims were not rejected under any cited art).

Claims 4 and 8 have been amended in light of the objections noted in the Office Action. Accordingly, it is respectfully requested these objections be withdrawn.

Claims 1, 3, 6 and 9 stand rejected under 35 U.S.C. § 102(e) as anticipated by Dye et al. This rejection is respectfully traversed.

Independent claim 1 includes a combination of features and is directed to a method for controlling a memory in a digital system. Further, claim 1 has been amended to recite that the method includes dividing the memory into a plurality of memory blocks, in which each memory block has a same size as that of a neighboring memory block. Claim 1 has also been amended to recite that the method includes recording a number of access times data in each memory block is accessed, measuring access frequencies of the memory blocks based on the recorded number of access times, and resetting the assigned compression priorities.

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The Office Action indicates Dye et al. discloses a memory technology which may use a priority compression and decompression mode, where the priority compression format memory address blocks assigned by the operating system for uncompressed data are used to store compressed data. However, it is respectfully noted Dye et al. does not teach or suggest recording a number of access times data in each memory block is accessed, measuring access frequencies of the memory blocks based on the recorded number of access times, and resetting the assigned compression priorities.

Accordingly, it is respectfully submitted independent claim 1 and each of the claims depending therefrom are allowable.

Further, it is respectfully submitted the rejection of claim 2 has also been overcome as claim 2 is a dependent claim.

In addition, the specification has been amended to correct minor informalities. FIG. 1 has also been amended to correct a spelling error. A marked-up copy and a clean copy of FIG. 1 are enclosed.

## CONCLUSION

In view of the above amendment, Applicant believes the pending application is in condition for allowance.
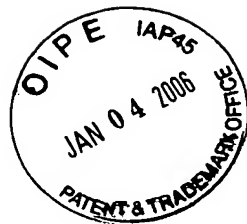
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact David A. Bilodeau (Reg. No. 42,325) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated: January 4, 2006

Respectfully submitted,

By _Esther H. Chong_

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# FIG. 1